

May 30, 1985

1671205008 Sangamon Co.
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Mr. Glenn D. Savage, Jr.
Central Region Manager
Land Field Operations Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
4500 S. Sixth St.
Springfield, Illinois 62706

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STATE OF ILLINOIS

Dear Mr. Savage:

In response to your Compliance Inquiry Letter of 17 May 1985, please be advised that we have contacted Andrews Environmental Engineering, Incorporated to assist and advise us in determining whether or not the materials in the drainage and sump pits are hazardous wastes, as required by 35 Illinois Administrative Code 722.111, and if so, what actions must be taken to safely and properly handle and dispose of this material.

Regarding the other requested information:

- 1.) As closely as can be presently ascertained, there are no discharge connections to either the storm or sanitary sewer systems from this equipment, nor are there any discharges to other areas, either inside or outside the facility. The depth, true dimensions, and total volume of the drainage and sump pits cannot be accurately determined until the material presently in the pits is removed. This removal is delayed pending analysis of the material. The pit appears to be about 6 to 8 inches deep.
- 2.) The specific chemicals used in the plating operation are as follows:
 - a) Sodium Cyanide (NaCN) 0.7 oz/gal
 - b) Sodium Carbonate (NaCO₃) 5.0 oz/gal
 - c) Rochelle Salt (KNaC₄H₄O₆·4H₂O) 7.0 oz/gal
 - d) Copper Cyanide (CuCN) 3.0 oz/gal
 - e) Sodium Hydroxide (NaOH) to maintain 12.5 Ph

EPA Region 5 Records Ctr.



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The above chemical determinations are based on data obtained from Metallurgical Department Procedure #MDP-1136.

3. To the best of our knowledge, no sludge or liquid has been removed from the plating operation for disposal.

After the outside testing lab has determined the chemical content of the tanks and pit, proper disposal will be made.

Also, as mentioned to your representatives during their visit of May 9, we have engaged the services of Ralph Hahn and Associates, an outside engineering firm, to advise us on disposition of all waste materials.

Sincerely,

A handwritten signature in dark ink, appearing to read 'W. Woelke', written in a cursive style.

W. Woelke, Manager
Plant Engineering & Maintenance

WWoelke/da